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Gurdon Institute, Tennis Court Road, Cambridge, Cambridgeshire CB2 1QR (GB).

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(71) Applicant (for all designated States except US): CAM-BRIDGE UNIVERSITY TECHNICAL SERVICES LIMITED [GB/GB]; The Old Schools, Trinity Lane, Cambridge, Cambridgeshire CB2 1TS (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): DOHERTY, Aldan [IE/GB]; University of Cambridge Structural Medicine Unit, Cambridge Institute for Medical Research, Hills Road, Cambridge, Cambridgeshire CB2 2XY (GB). DELLA, Marina [GR/GB]; University of Cambridge Structural Medicine Unit, Cambridge Institute for Medical Research, Hills Road, Cambridge, Cambridgeshire CB2 2XY (GB). WELLER, Geoffrey [GB/GB]; University of Cambridge Structural Medicine Unit, Cambridge Institute for Medical Research, Hills Road, Cambridge, Cambridgeshire CB2 2XY (GB). JACKSON, Stephen [GB/GB]; The Wellcome Trust/ Cancer Research UK

(74) Agents: SUTCLIFFE, Nicholas et al.; Mewburn Ellis LLP, York House, 23 Kingsway, London, Greater London

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(54) Title: PROKARYOTIC DNA REPAIR LIGASES

(57) Abstract: The present invention relates to the cloning and characterisation of a prokaryotic DNA repair ligase, which is shown to possess a range of activities that allow the ligation and repair of non-compatible DNA ends and double strand breaks (DSBs). The enzyme has a range of applications in the manipulation and cloning of nucleic acids.